



Appl'n No.: 10/630,625  
 Title: MARINE INSTRUMENT  
 Inventors: Stephen G. Boucher, *et al.*  
 Replacement Sheet

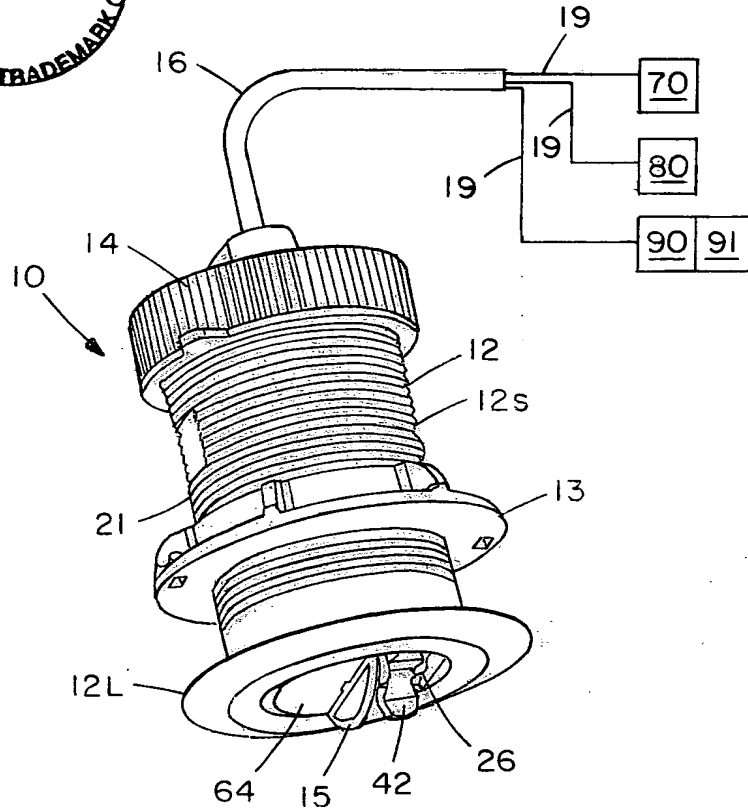


FIG. 1

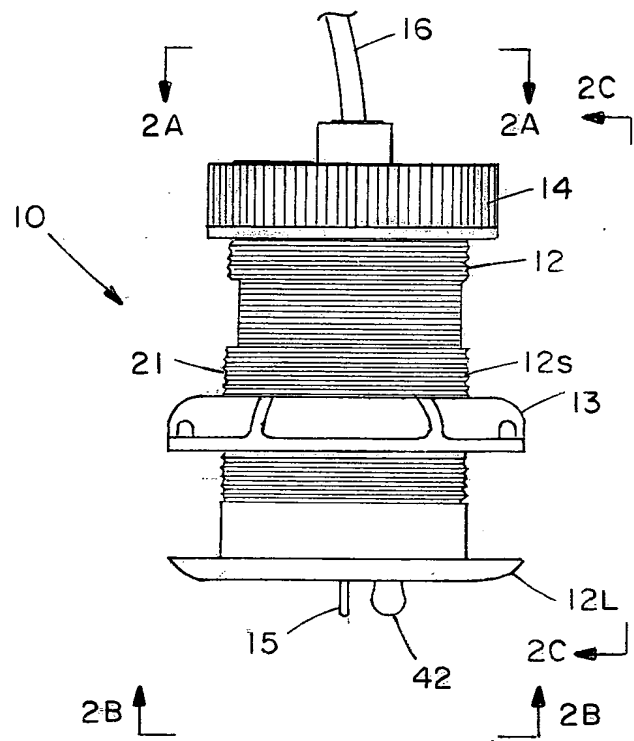


FIG. 2

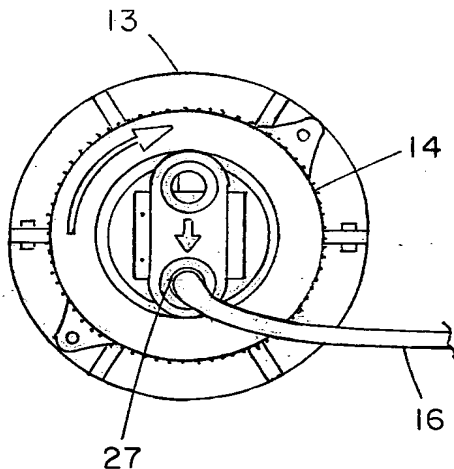


FIG. 2A

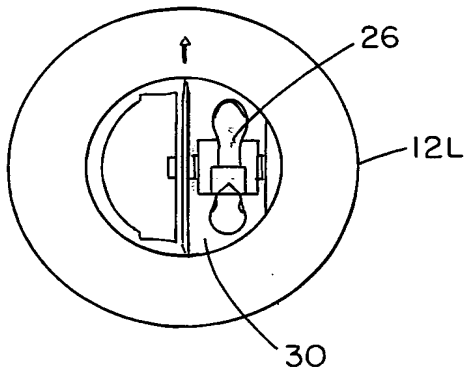


FIG. 2B

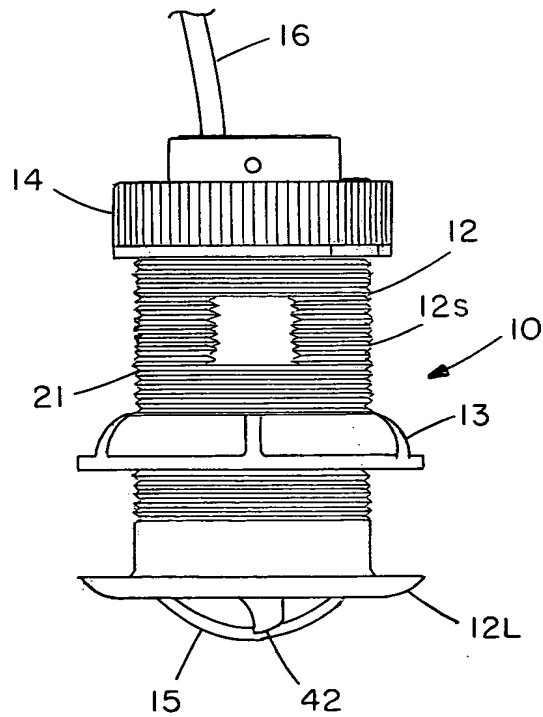
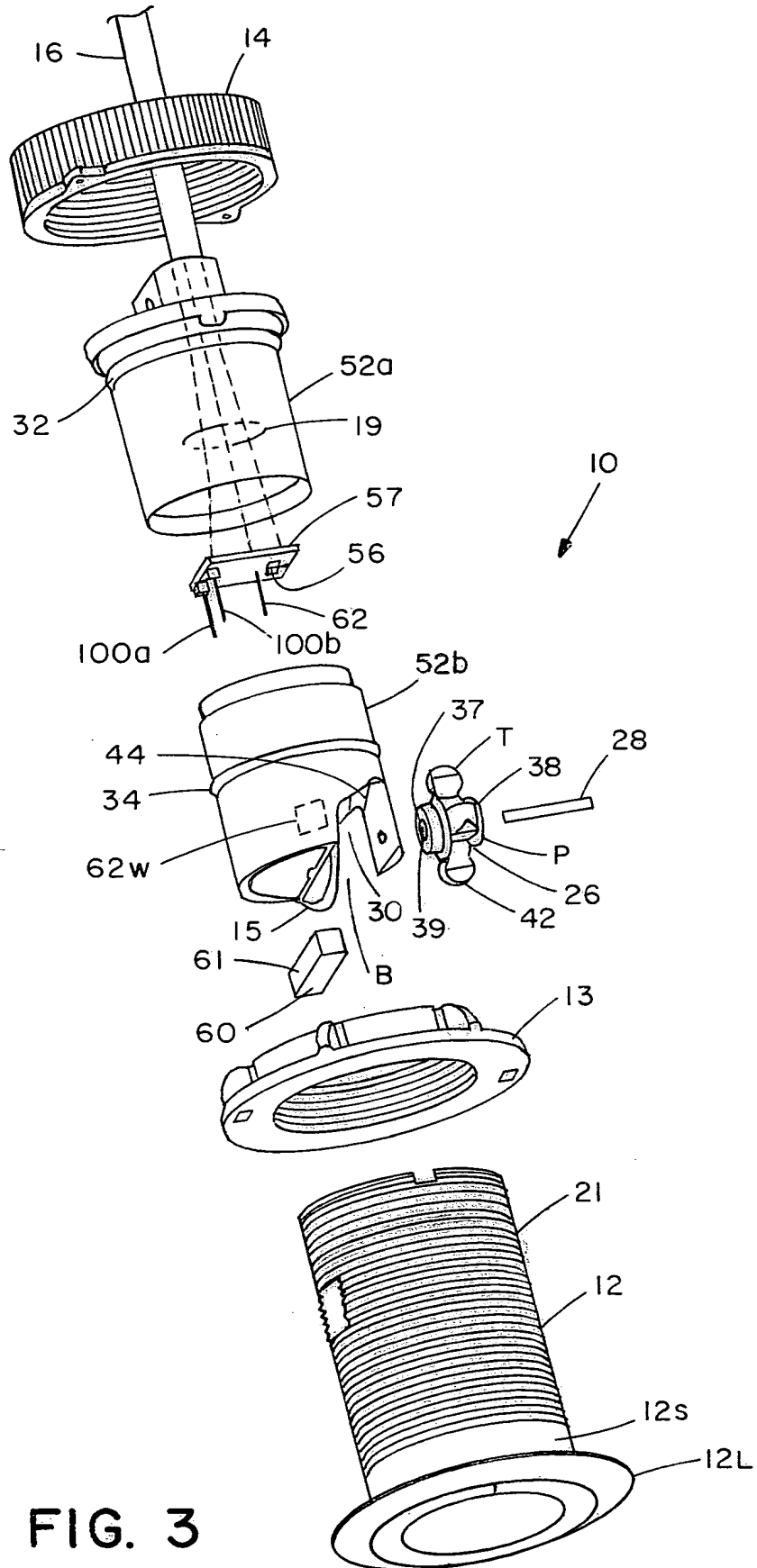
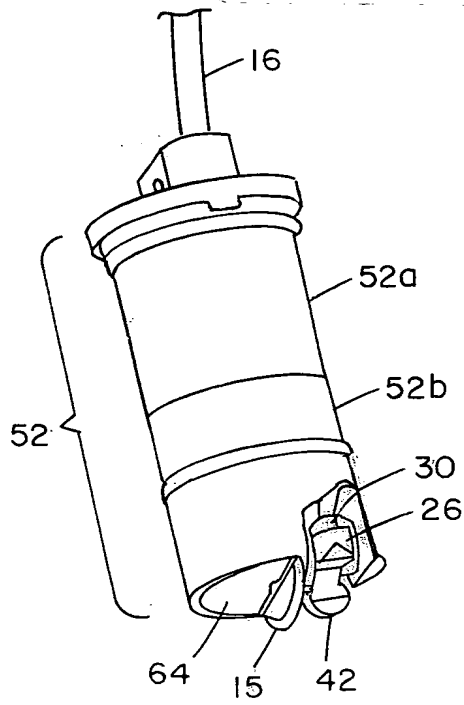
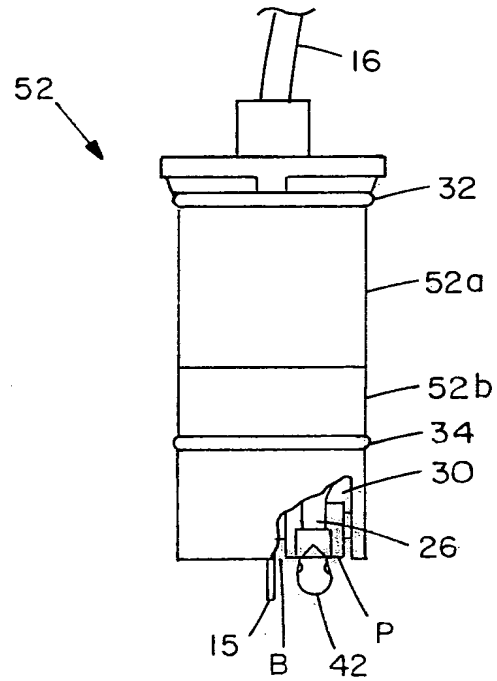


FIG. 2C

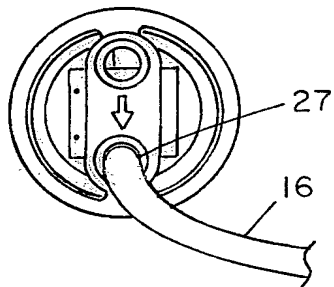




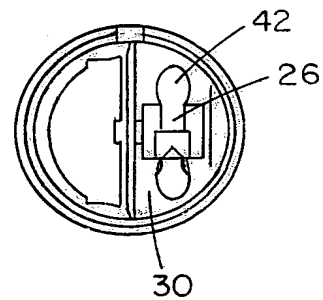
**FIG. 4**



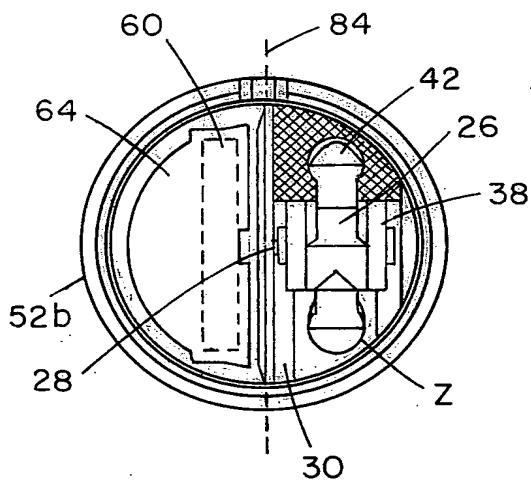
**FIG. 5**



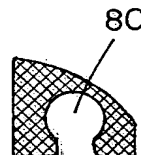
**FIG. 5A**



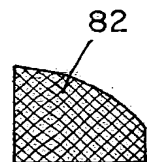
**FIG. 5B**



**FIG. 5Ba**



**FIG. 5Bb**



**FIG. 5Bc**

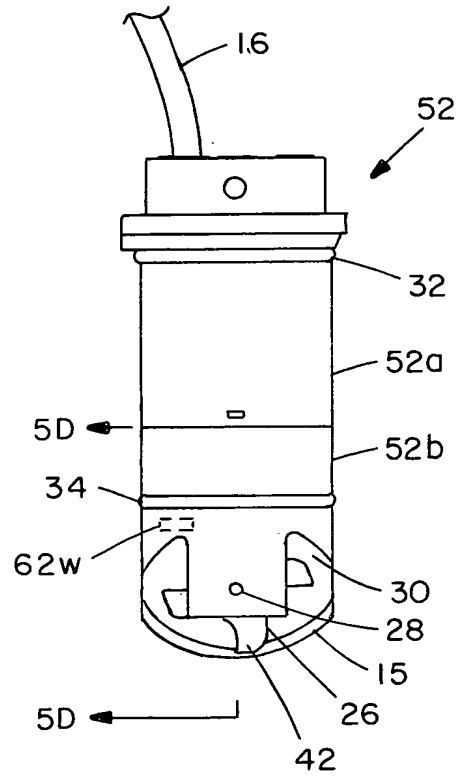


FIG. 5C

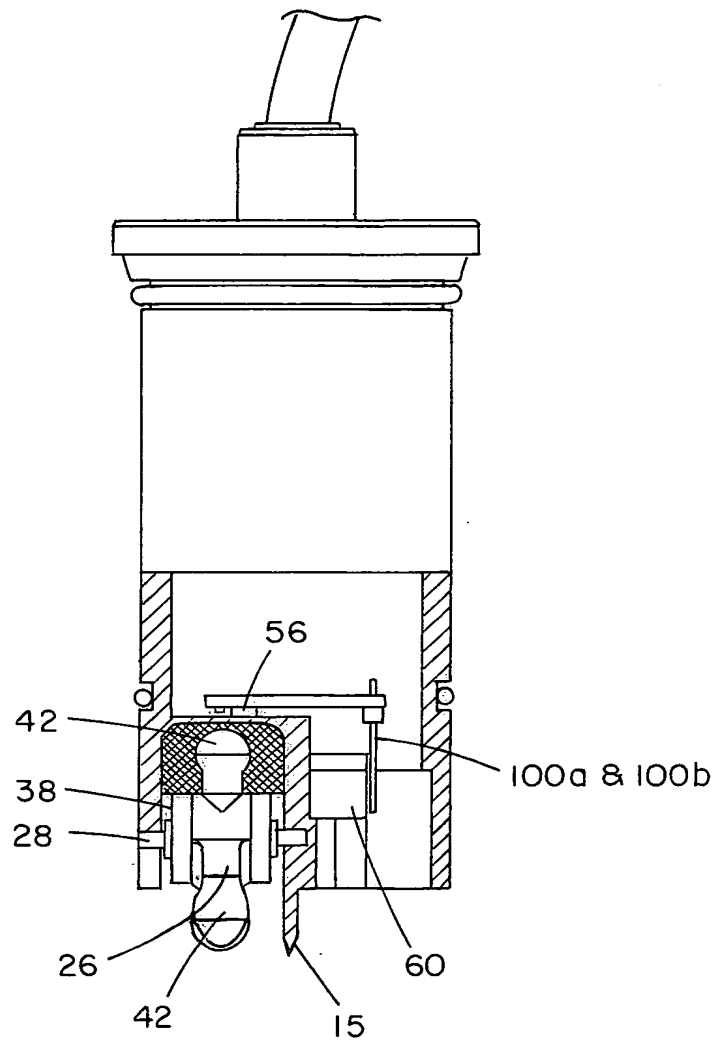


FIG. 5D

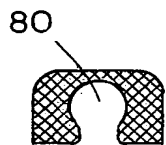


FIG. 5Da

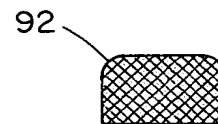


FIG. 5Db

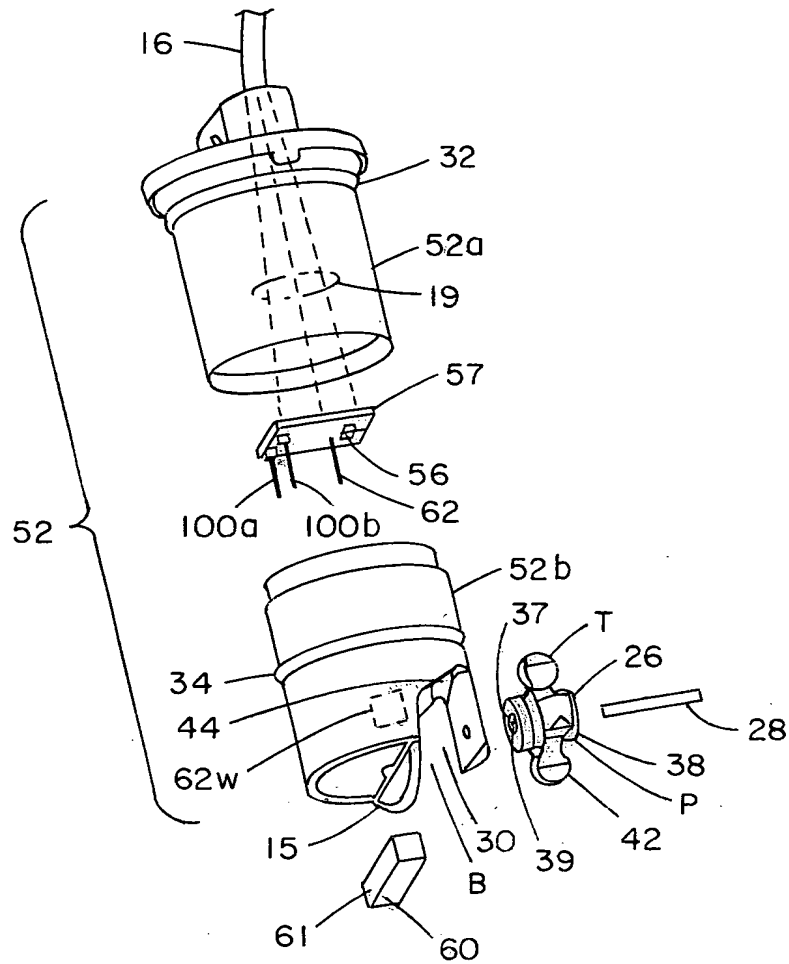


FIG. 6

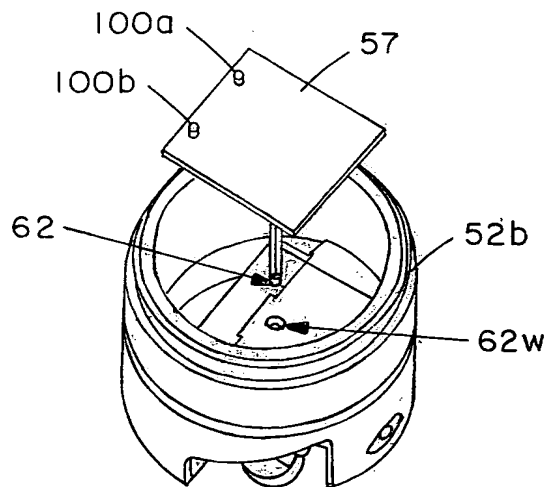


FIG. 6A

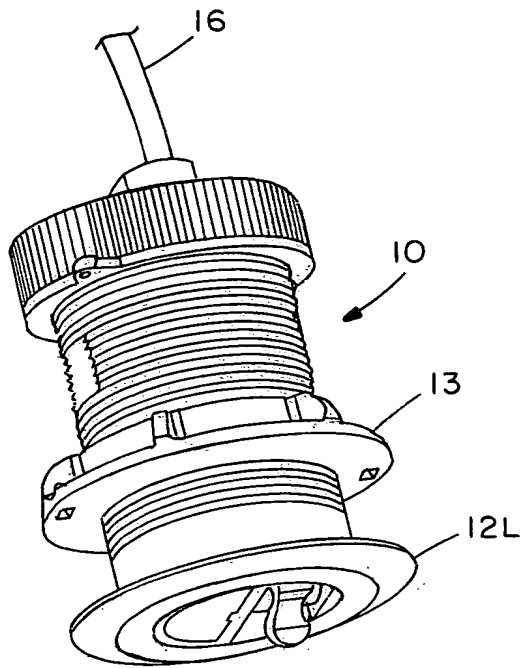


FIG. 8

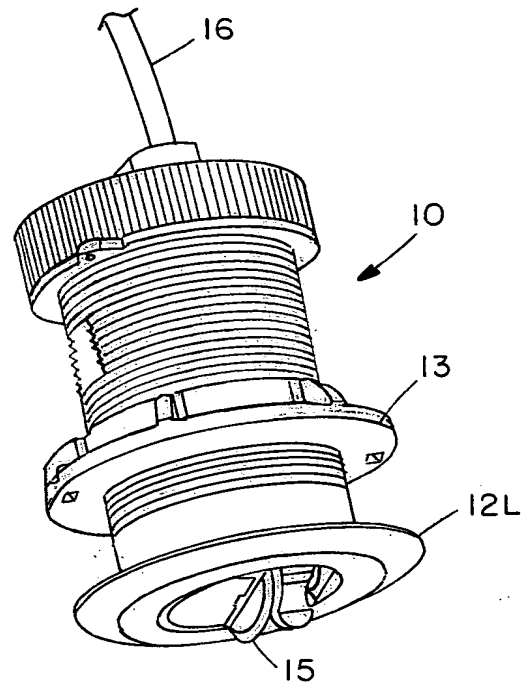


FIG. 7

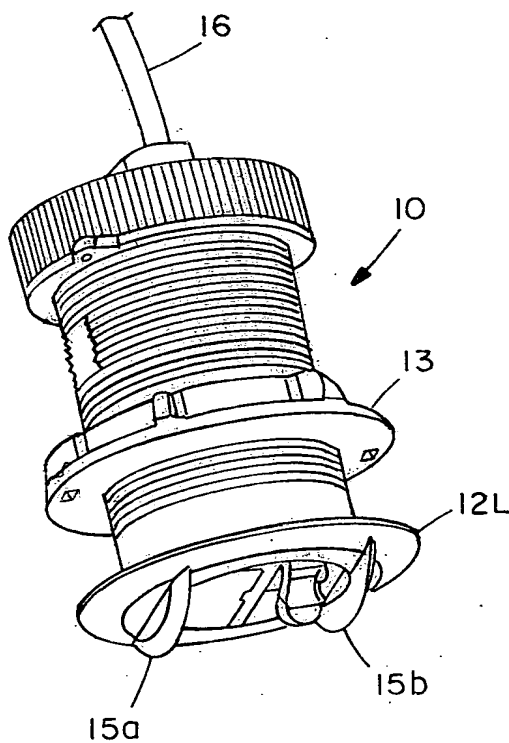


FIG. 9

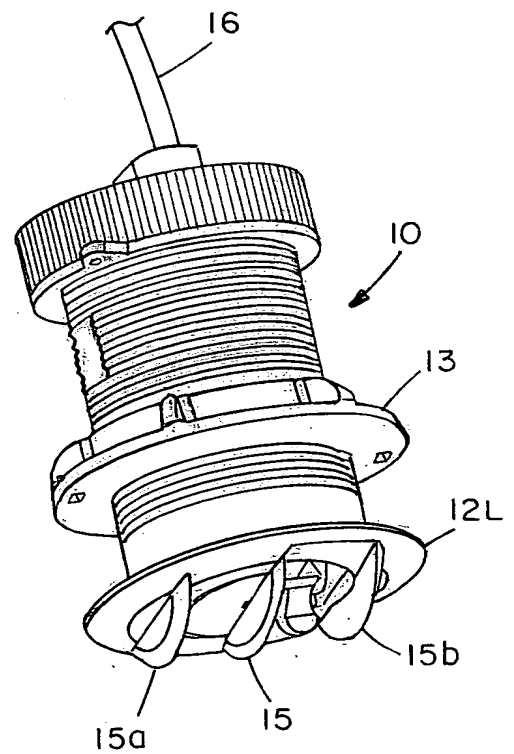
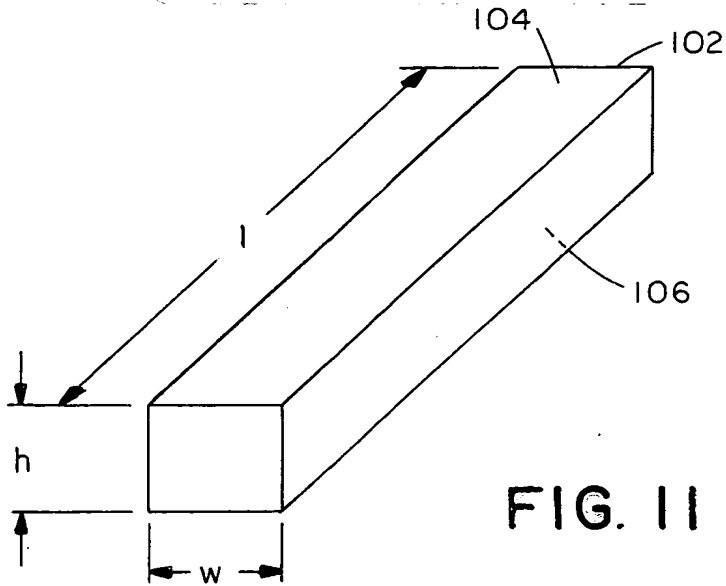
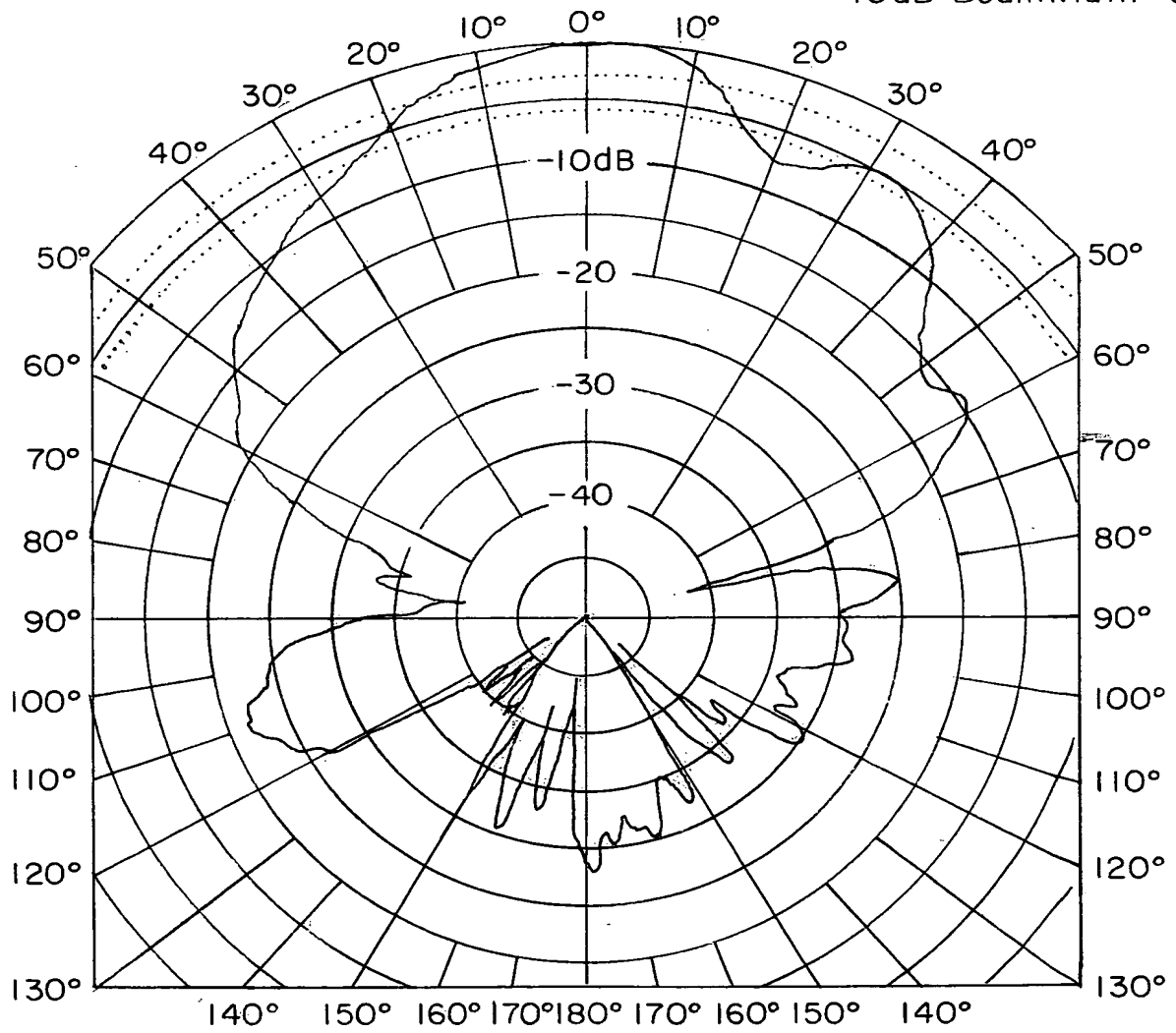


FIG. 10





-3dB Beamwidth : 28°  
-6dB Beamwidth : 41°  
-10dB Beamwidth : 80°



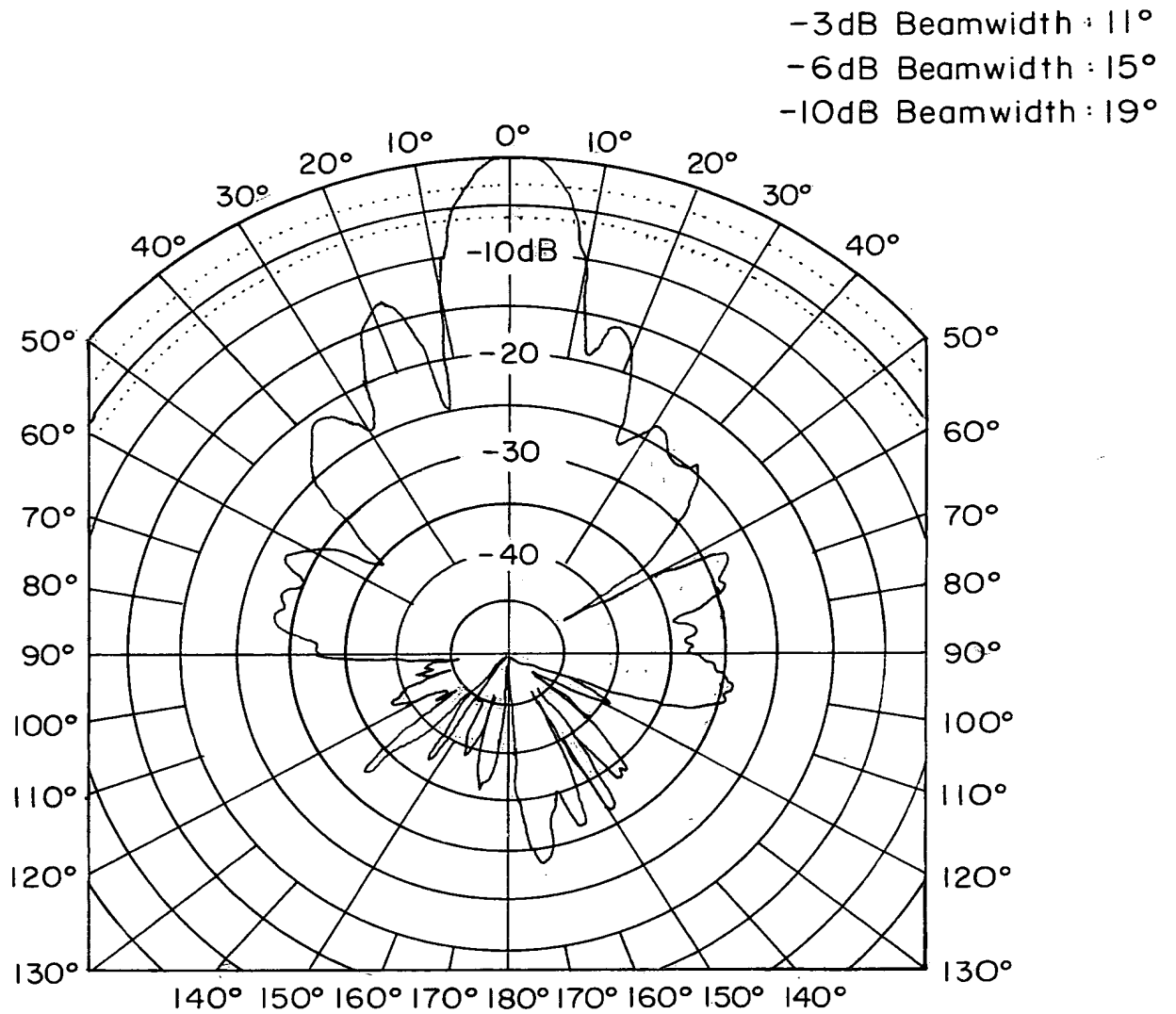


FIG. 13

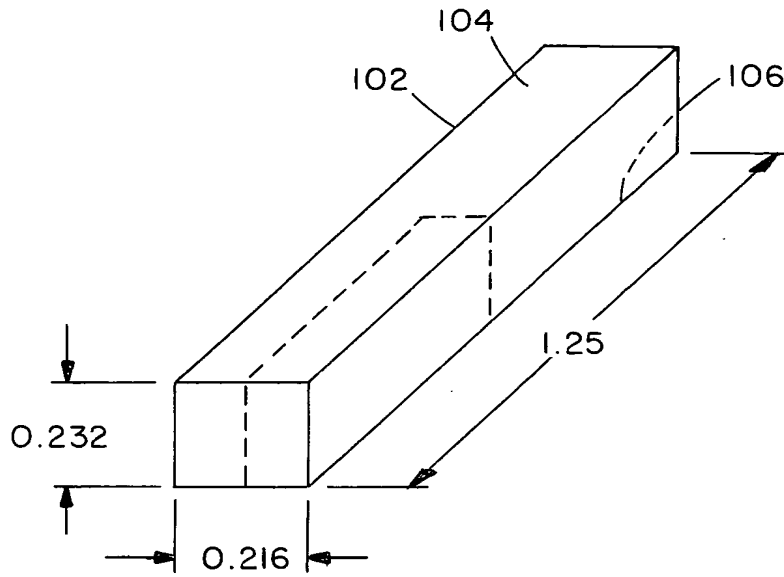


FIG. 14

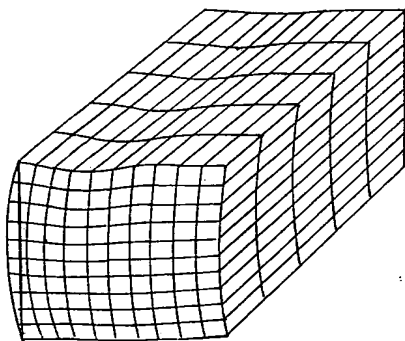


FIG. 15A

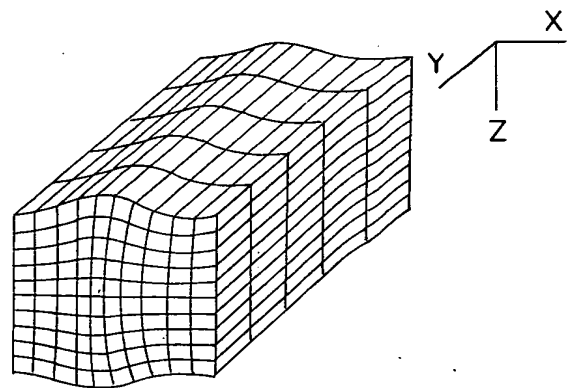


FIG. 15B